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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: HEINZ LINDENMEIER ET AL - 18

SERIAL NO.: 09/783,000

FILED: FEBRUARY 14, 2001 GROUP: 2681

TITLE: AN ANTENNA DIVERSITY SYSTEM WITH PHASE CONTROLLED SUMMATION OF ANTENNA SIGNALS

PRELIMINARY AMENDMENT

ATT: BOX NON-FEE AMENDMENT
Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

FEB 04 2002

Technology Center 2600

Dear Sir:

Preliminary to Examination please amend the application as follows:

IN THE CLAIMS:

Claim 1 has been amended and claims 21 - 25 have been added.

A marked up copy of claim 1 is enclosed. Please amend claim 1 as follows:

1. (Amended) An antenna diversity system for receiving frequency-modulated (FM) radio signals in an FM receiver with the phase-controlled summation of antenna signals, for motor vehicles having a multi-antenna system (21) with antenna switches (5a, 5b...) coupled to antennas (A₁, A₂...A_N) for producing at least two antenna output signals (23a, 23b), comprising: